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(71) Applicant (*for all designated States except US*): THE  
TRUSTEES OF COLUMBIA UNIVERSITY IN THE  
CITY OF NEW YORK [US/US]; 110 Low Memorial  
Library, West 116th & Broadway, New York, NY 10027  
(US).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): YAN, Shi Du  
[US/US]; 58 Hamilton Place, Tenafly, NJ 07670 (US).  
MCKHANN, Guy [US/US]; 5 Hilltop Road, Bronxville,  
NY 10708 (US). STERN, David [US/US]; 1 Seventh  
Street, Unit 1401, August, GA 30901 (US).

(74) Agent: WHITE, John, P.; Cooper & Dunham LLP, 1185  
Avenue of the Americas, New York, NY 10036 (US).

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(54) Title: METHODS FOR REDUCING SEIZURE-INDUCED NEURONAL DAMAGE

(57) Abstract: This invention provides a method for treating a subject either during or soon after a seizure, in order to reduce the extent of neuronal damage in the subject resulting from the seizure comprising administering to the subject, either during or soon after the seizure, a therapeutically effective amount of an inhibitor of receptor for advanced glycation endproducts (RAGE), so as to thereby reduce the extent of neuronal damage in the subject. This invention further provides a method for inhibiting neuronal damage which would otherwise result from a seizure in a subject predisposed to having a seizure, comprising administering to the subject a prophylactically effective amount of an inhibitor of receptor for advanced glycation endproducts (RAGE), so as to inhibit neuronal damage which would otherwise result from a seizure in the event the subject were to suffer a seizure. This invention further provides related articles of manufacture.

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